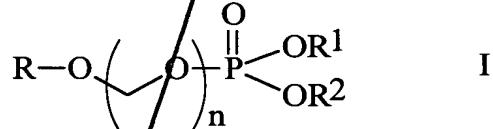


We claim:

1. A compound according to formula I:



2 wherein,

3 R-O- is a residue of ~~a~~ ~~an alcohol-containing or~~  
4 phenol-containing pharmaceutical compound, excluding  
5 taxol,

6  $\text{R}^1$  is hydrogen or an alkali metal ion or a protonated  
7 amine or a protonated amino acid,

8  $\text{R}^2$  is hydrogen or an alkali metal ion or a protonated  
9 amine or a protonated amino acid, and

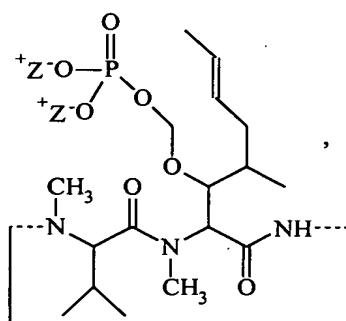
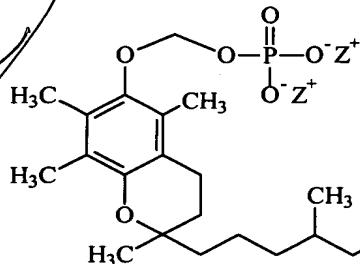
10 n is an integer of 1 or 2;

11 and pharmaceutically acceptable salts thereof.

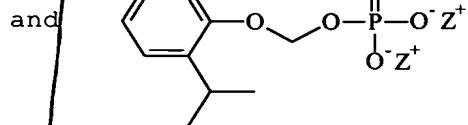
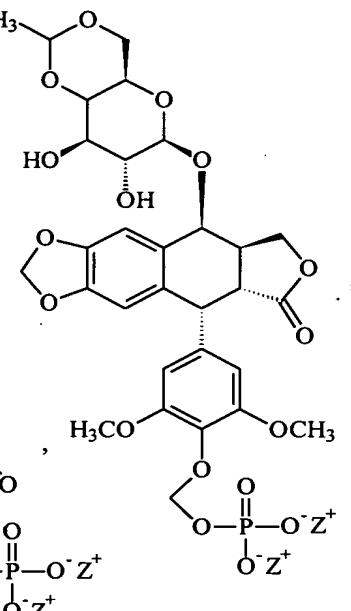
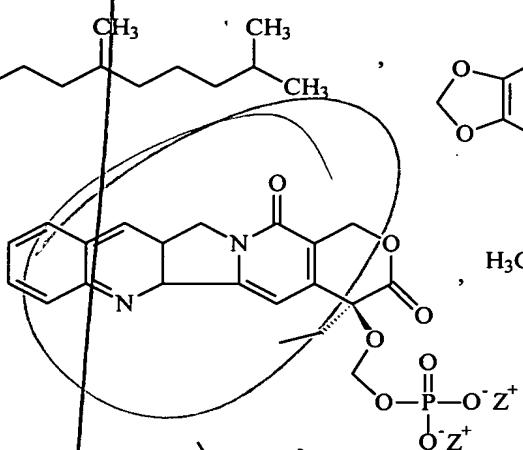
1. The compound according to claim 1, wherein said  
2 alcohol-containing or phenol-containing compound is  
3 selected from the group consisting of camptothecin,  
4 camptothecin analogues, propofol, etoposide, vitamin E  
5 and cyclosporin A.

1       3. The compound according to claim 1, wherein the  
2 alkali metal ion of R<sup>1</sup> and R<sup>2</sup> is each independently  
3 selected from the group consisting of sodium, potassium  
4 and lithium.

1       4. A compound selected from the group consisting  
2 of:



Cyclosporin A



3       wherein Z is selected from the group consisting of  
4 hydrogen, alkali metal ion, and amine;  
5       and pharmaceutically acceptable salts thereof.

1       5. The compound according to claim 4, wherein each  
2 Z is independently selected from the group consisting of  
3 sodium, tromethamine, triethanolamine, triethylamine,  
4 arginine, lysine, ethanolamine and N-methylglucamine.

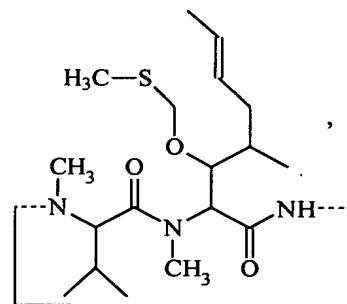
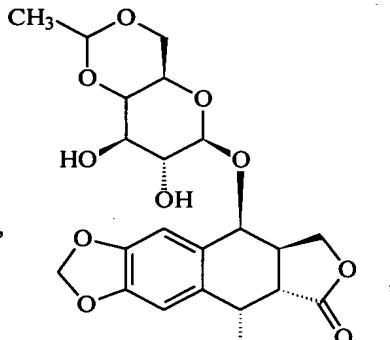
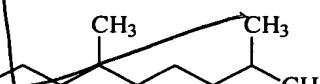
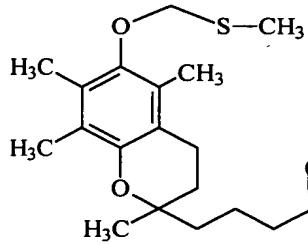
1       6. A compound according to formula III:



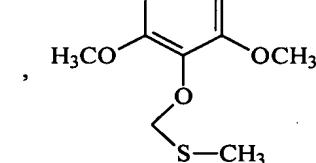
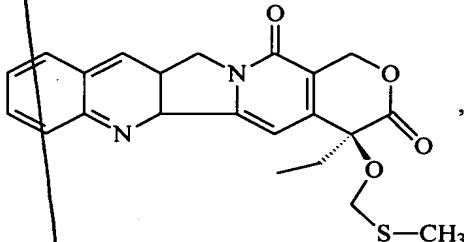
2       wherein,

3           R-O- is a residue of an alcohol-containing or  
4       phenol-containing pharmaceutical compound, excluding  
5       taxol;  
6       and pharmaceutically acceptable salts thereof.

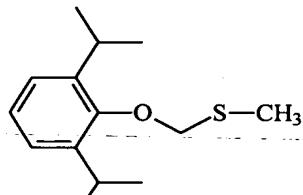
1       7. A compound according to claim 6, wherein said  
2       compound is selected from the group consisting of:



Cyclosporin A



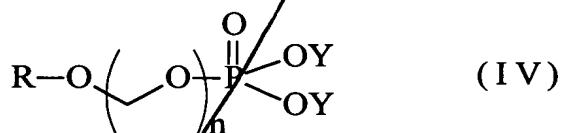
and



rule 126  
6  
8

1       8. A compound according to formula IV:

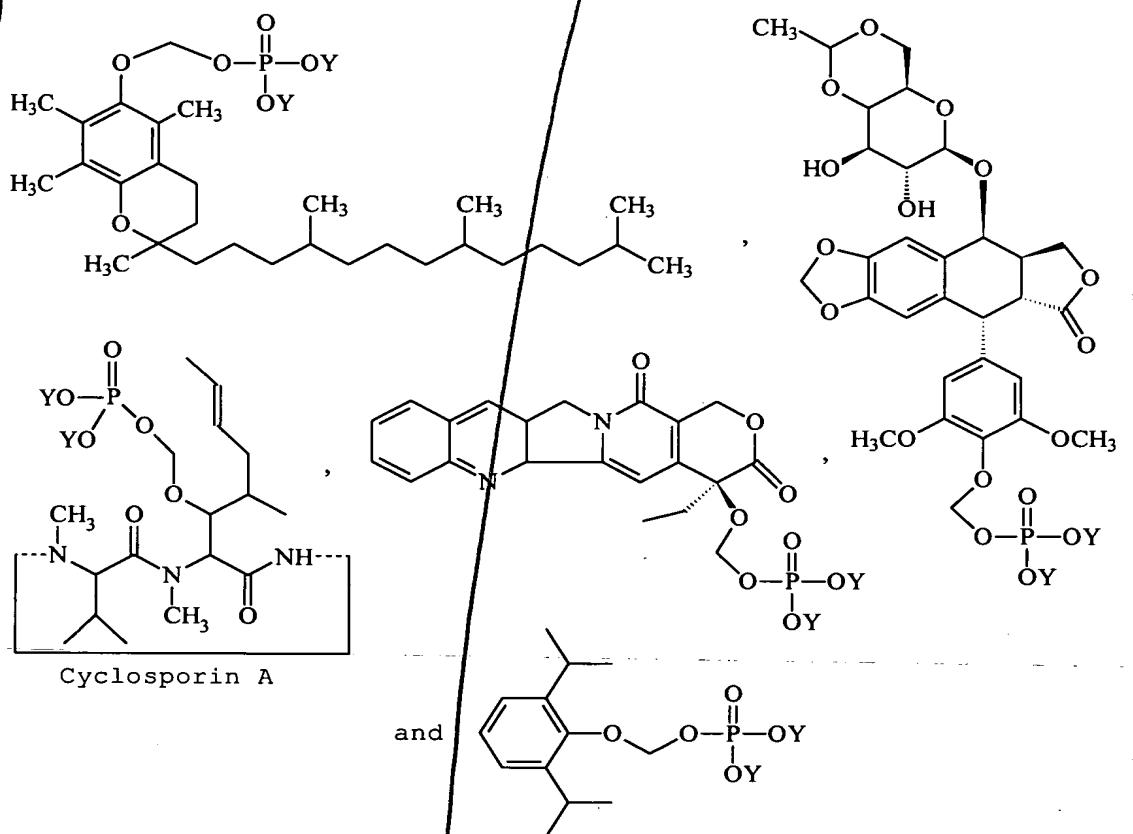
D. D. 2



wherein,

3 R-O- is a residue of ~~a~~<sup>q</sup> an alcohol-containing or  
 4 phenol-containing pharmaceutical compound, excluding  
 5 taxol,  
 6 Y is a phosphono protecting group, and  
 7 n is an integer of 1 or 2;  
 8 and pharmaceutically acceptable salts thereof.

1 9. A compound according to claim 8, wherein said  
 2 compound is selected from the group consisting of:



3 wherein Y is a phosphono protecting group.

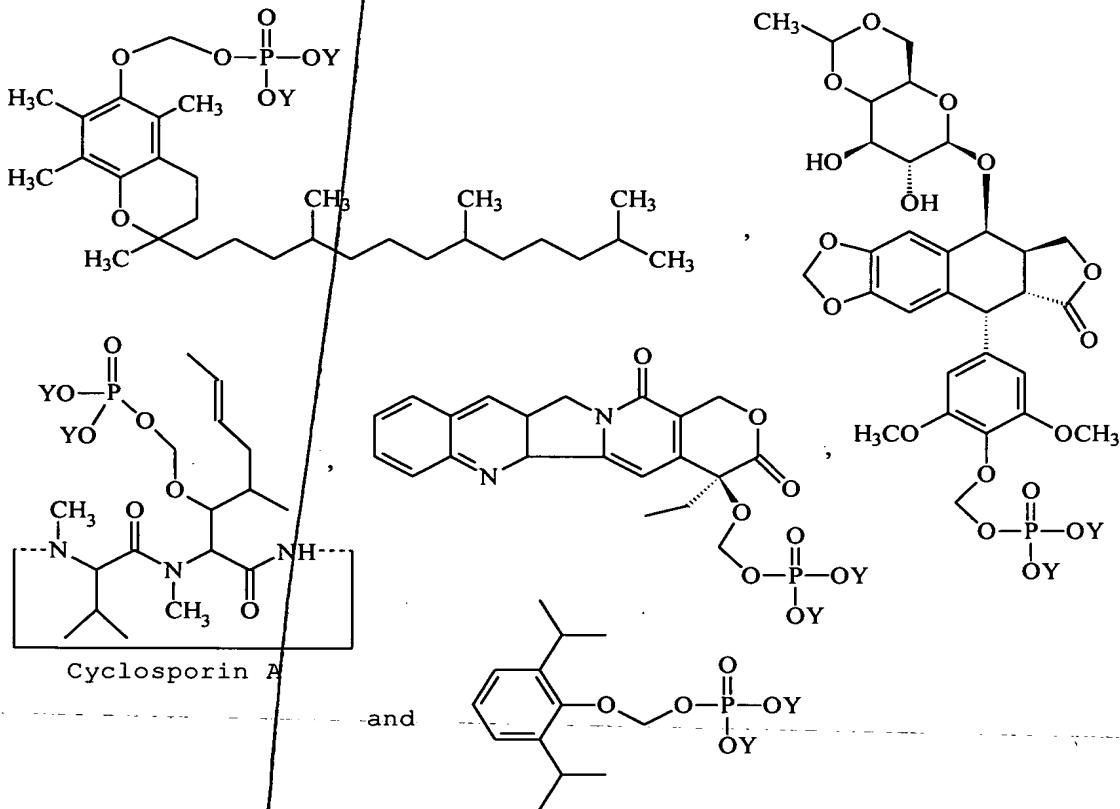
1 10. The compound according to claim 8, wherein said  
 2 phosphono protecting group is selected from the group

3 consisting of a benzyl group, a t-butyl group, an allyl  
4 group, and other acceptable phosphate protecting groups.

1 *1269* 11. A pharmaceutical composition, comprising:  
2 an effective amount of a compound according to claim  
3 I; and  
4 a pharmaceutically acceptable carrier.

1 12. A process for preparing a compound of claim 4,  
2 comprising:

3 removing a phosphono protecting group from a  
4 compound according to one of the following formula:



5 wherein Y is the phosphono protecting group; and  
6 recovering the product.

1 13. A process for preparing a compound of claim 6,  
2 comprising:  
3 reacting a compound of the formula R-O-H,

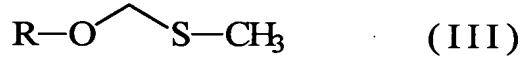
4 wherein,

5 R-O- is a residue of an alcohol-containing or  
6 phenol-containing pharmaceutical compound, excluding  
7 taxol,

8 and pharmaceutically acceptable salts thereof,  
9 with dimethylsulfoxide in the presence of acetic  
10 anhydride and acetic acid; and  
11 recovering the product.

1 14. A process for preparing a compound of claim 7,  
2 comprising:

3 reacting a compound according to formula III:



4 wherein,

5 R-O- is a residue of an alcohol-containing or  
6 phenol-containing pharmaceutical compound, excluding  
7 taxol; and

8 pharmaceutically acceptable salts thereof,  
9 with N-iodosuccinamide and a protected phosphoric acid of  
10 formula  $\text{HOP}(\text{O})(\text{OY})$ , wherein Y is a phosphono protecting  
11 group; and

12 recovering the product.

1 15. The process according to claim 14, wherein the  
2 phosphono protecting group is selected from the group  
3 consisting of a benzyl group, a t-butyl group and an  
4 allyl group.

1 ~~16. A method of treatment which comprises~~  
2 ~~administering to a patient in need thereof an effective~~  
3 ~~amount of a composition according to claim 11.~~ *as a medicament*

*rule  
12612* 17. The method according to claim 16, wherein said  
2 compound is administered orally. 11

*13-18* 18. The method according to claim 16, wherein said  
2 compound is administered 11 parenterally.

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